

U3721-137-145-910

R2

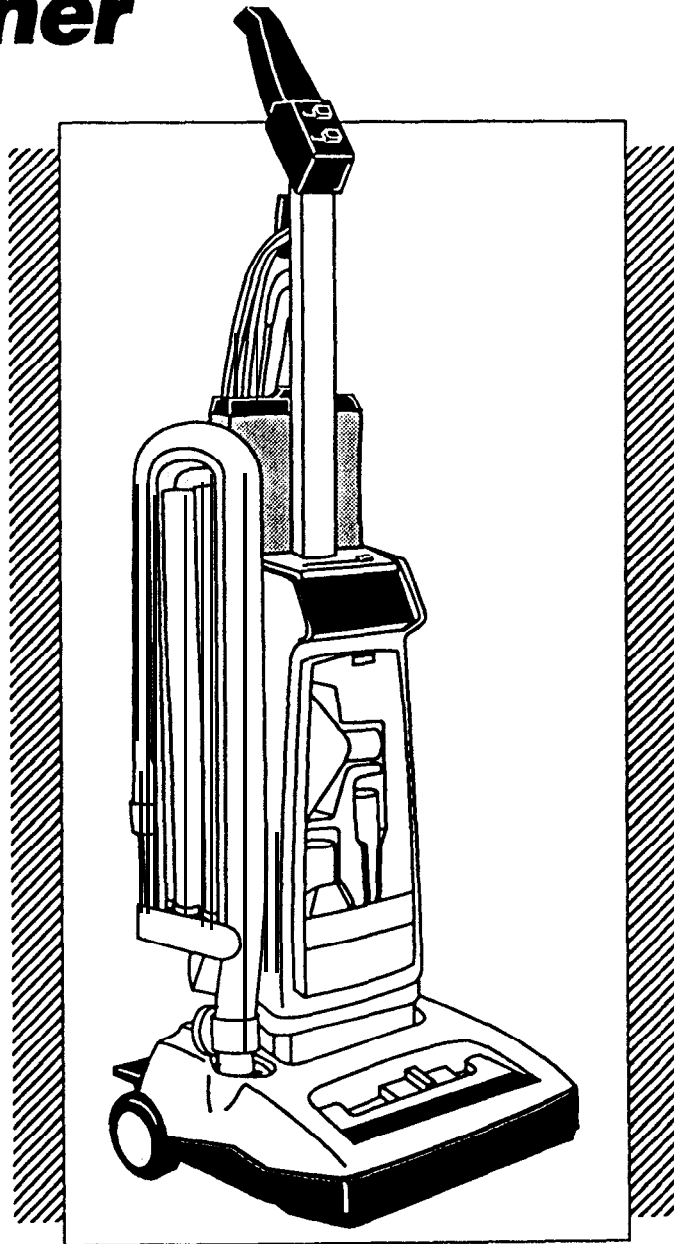
HOOVER.

POWERMAX™

Self-Propelled

**Upright
Cleaner**

**Owner's
Manual**



Review this manual before
operating cleaner

Important Safeguards!

When using an electrical appliance, basic precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE

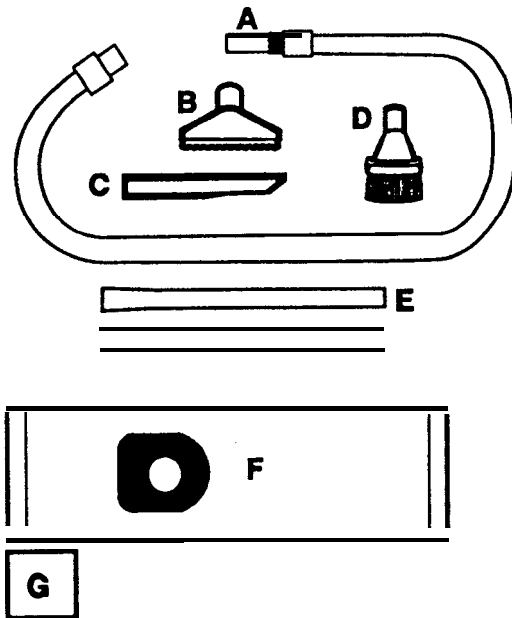
Warning: To reduce the risk of fire, electric shock, or injury:

- Do not use outdoors or on wet surfaces.
- Close supervision is necessary when any appliance is used by or near children. Do not allow vacuum cleaner to be used as a toy or to run unattended at any time.
- Keep hair, loose clothing, fingers, feet and all parts of body away from openings, rotating agitator and any other moving parts. **Do not** operate cleaner in bare feet or when wearing open toe shoes or sandals.
- Do not pull or carry by cord, use cord as a handle, close door on cord or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
- Avoid picking up hard, sharp objects with the cleaner. They may damage the cleaner and the bag.
- Unplug cleaner when not in use. Turn off all controls before unplugging.
- Always disconnect cord from electrical outlet before servicing the cleaner.
- Do not use without dust bag and/or filters in place. Change bag frequently when picking up very fine materials such as powder.
- Use extra care when cleaning on stairs.
- Do not put any **object** into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
- Grasp the plug to disconnect from wall outlet to avoid damage to the cord, plug, prongs, or receptacle. Never handle plug or appliance with wet hands.
- If the cleaner has a cord reel, hold on to plug while cord is being rewound to prevent cord from whipping.
- The use of an extension cord is not recommended.
- Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, take it to a Hoover Factory **Service** Center or Authorized Hoover Warranty Service Dealer (Depot).
- Use vacuum cleaner only for its intended use as described in the **instructions**. Use only attachments recommended by The Hoover Company; others may cause hazards.

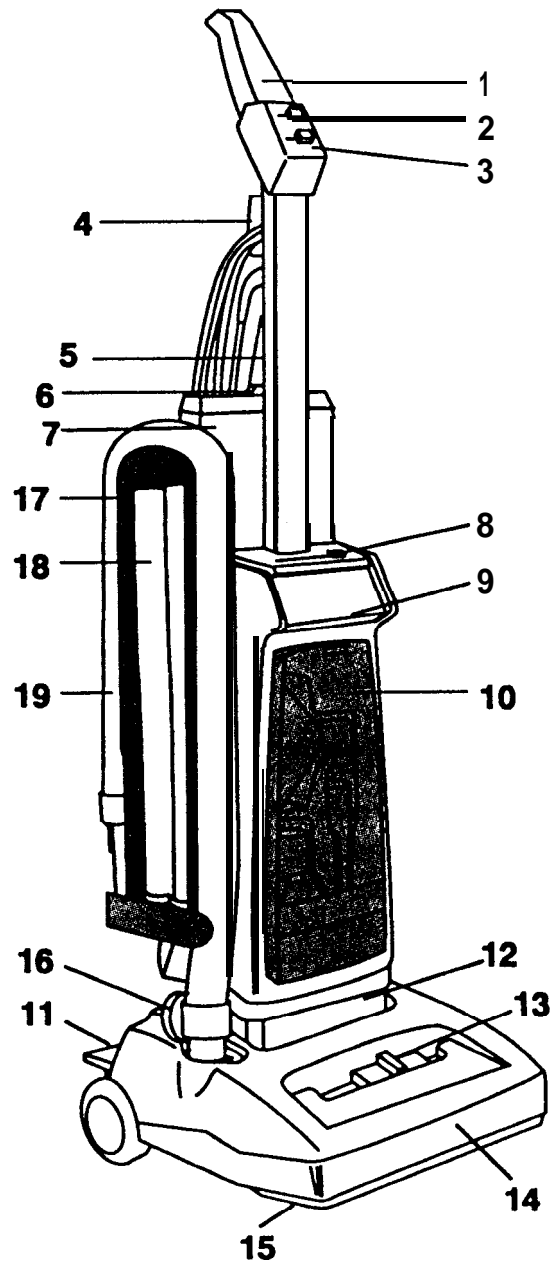
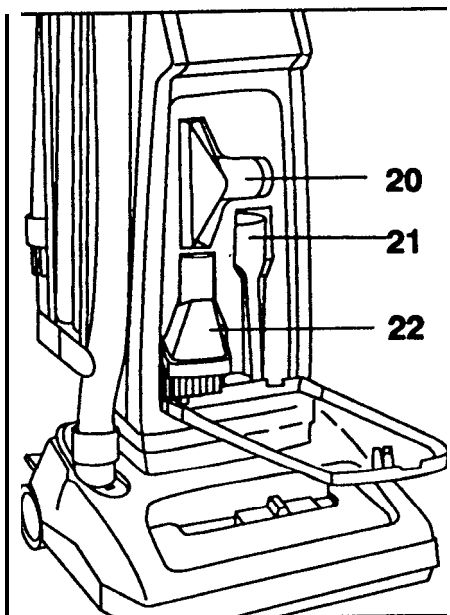
Save these instructions!

Unpacking

Unpack the cleaner from the carton and identify the parts shown. Remove and dispose of the cardboard packing.



- A. Hose
- B. Furniture Nozzle
- C. Crevice Tool
- D. Dusting Brush
- E. Wands
- F. Paper Bag
- G. Fragrance Tablet
(some models only)



The assembled cleaner will look like the drawing above.

Side-mounted hose
trademark of The
Hoover Company

. Cleaner Description

1. **Self Propel Handle Grip**
2. **OFF-ON-‘Power Surge’ Switch**
3. **Self Propel Control Button**
4. **Cord Storage Hooks:** located on back of handle and lower edge of cloth bag. Upper hook rotates for easy cord release.
5. **Bag Spring:** place spring ring over hook to support the bag.
6. **Air Freshener Dispenser:** (some models only) designed to hold a fragrance tablet and release a pleasant scent during cleaning.
7. **Cloth Bag Jacket:** covering for paper bag.
8. **Variable Speed:** available on some models.
9. **Carrying Handle**
10. **Tool Cover:** pull out top edge of cover to open.
11. **Handle Release Pedals:** step on either pedal to lower handle to either operating or low position.
12. **Twin Headlight:** available on some models.
13. **Carpet Height Adjustment Lever:** choose “BARE FLOOR/LOW, “PLUSH”, or “DEEP PILE” setting.
14. **Furniture Guard**
15. **Edge cleaning:** brushed edge cleaning is provided on the right side of the cleaner; standard edge cleaning is provided on the left side.
16. **Hose Door:** open door to connect hose to cleaner.
17. **Hose and Wand Rack**
18. **Extension Wands**
19. **Hose**
20. **Furniture nozzle**
21. **Crevice tool**
22. **Dusting brush**

Note: If using cleaner on new carpet, be sure to change bag frequently. **See “Maintenance” section for bag replacement**

Operate cleaner only at voltage specified on date plate on bottom of cleaner.

This cleaner is intended for household use.

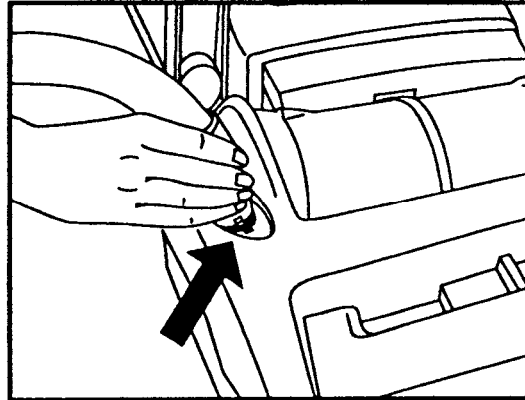
How to Assemble

1. Attach hose

With cleaner handle in lowest position, open hose door and insert hose end with tabs into cleaner.

Turn hose end to lock in place.

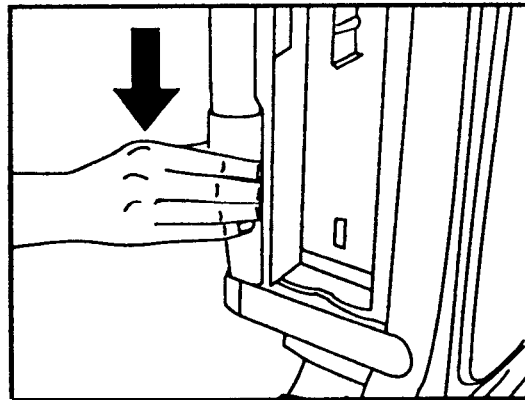
To remove hose, turn in opposite direction.



Stretch hose over hose rack and push opposite hose end **firmly** into “cup” in rack.

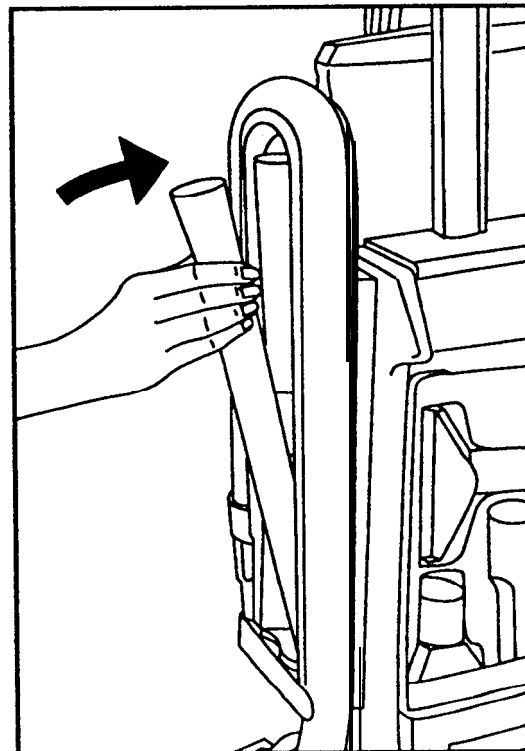
Note: The hole in the “cup” in the rack is a necessary design element and will not **inhibit** the cleaner's performance.

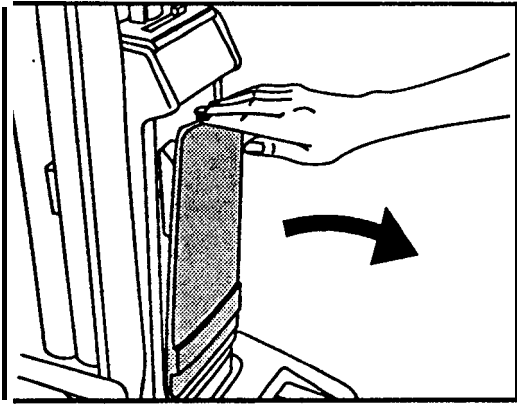
When cleaning floors, hose should remain attached to cleaner and rack.



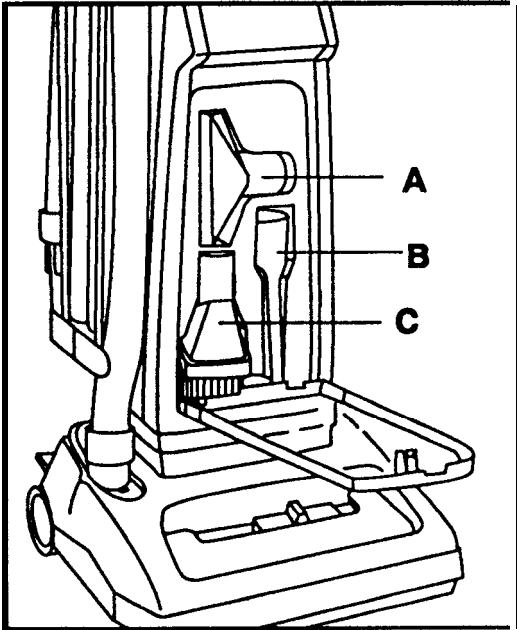
2. Attach tools

Position wands in side of hose rack and snap into place.





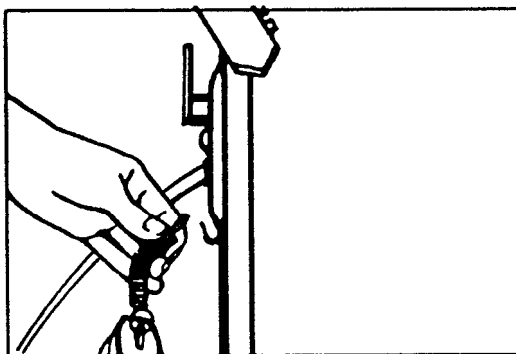
Pull open tool cover.



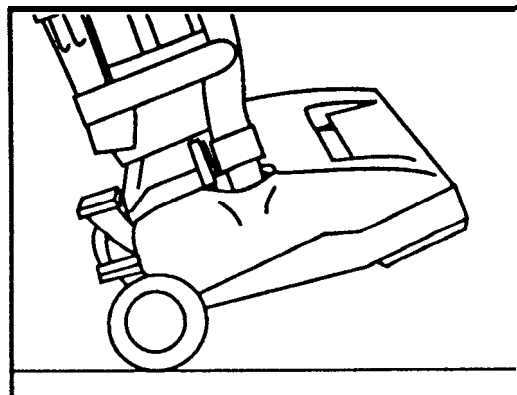
Snap furniture nozzle (A), crevice tool (B), and dusting brush (C) into front of cleaner as shown.

Close tool cover.

CAUTION: When cleaner is turned on, agitator will continue to rotate while cleaner handle is in upright position. Avoid tipping cleaner or **setting** it on carpeted stairs, **fringed** area rugs, or furniture during tool use.



Place bag spring ring over hook located on handle.

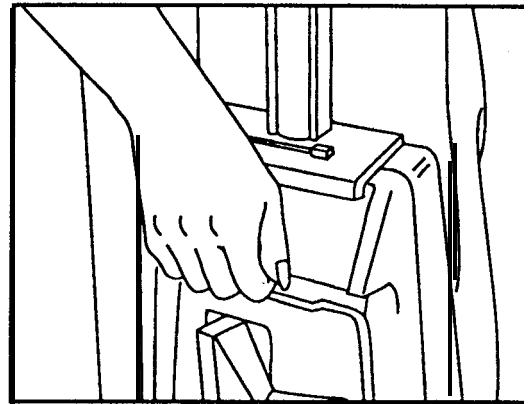


How to use

To transport

To move your cleaner from room to room, put handle in upright position, tilt cleaner back on large rear wheels and push forward.

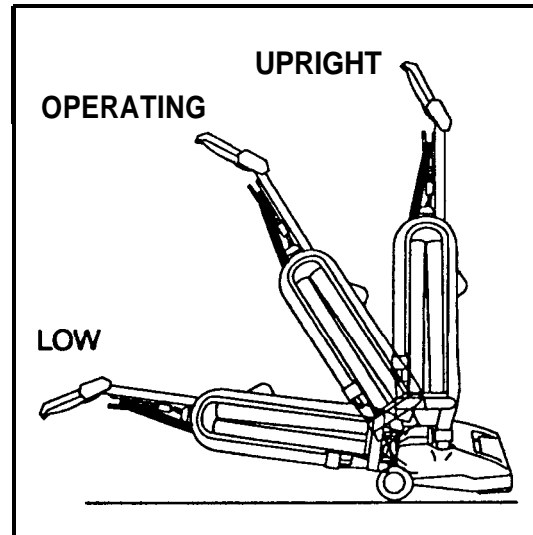
Your cleaner also has a convenient carrying handle located just above the tool cover.



Handle positions

The handle of your cleaner has three positions: **upright** for storage and tool use; **operating** for general operation on carpet and floors; low for cleaning under low furniture. Lower handle by stepping on either pedal at rear of cleaner.

When putting the handle into the upright position, two clicks may be heard. This is a normal design characteristic of your cleaner and can be expected.

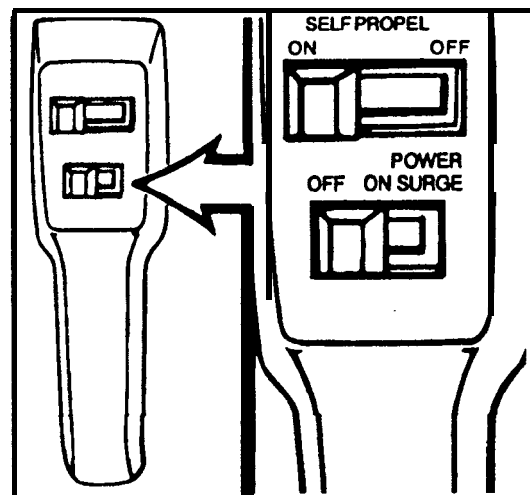


ON-OFF POWER SURGE™ switch

Operate your cleaner at normal power by pushing the switch to the ON position. To turn cleaner off, push switch back to the OFF position.

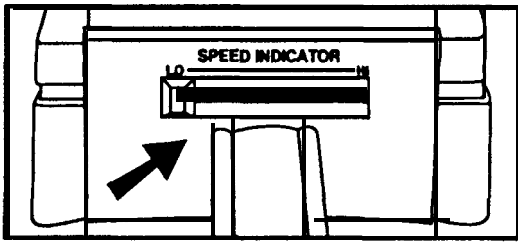
Normal power is to be used for regular cleaning of carpet and rugs and when using cleaning tools.

Your cleaner also has a 'POWER SURGE' feature for extra cleaning power on heavily soiled carpet. To use this feature slide switch to the right as far as possible and hold it in that position. When released, it will return to the ON position.

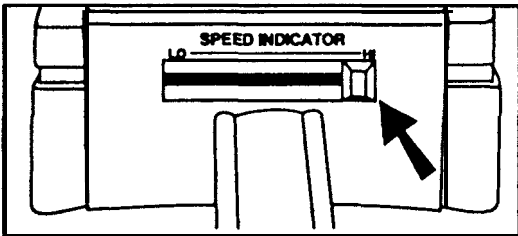


Variable speed models

Some cleaners are equipped with a variable speed control.



To decrease cleaner speed, which significantly reduces energy consumption and noise level, slide button toward LO setting. At a decreased speed, cleaner will also move slower and allow the user more control in maneuvering in small areas.



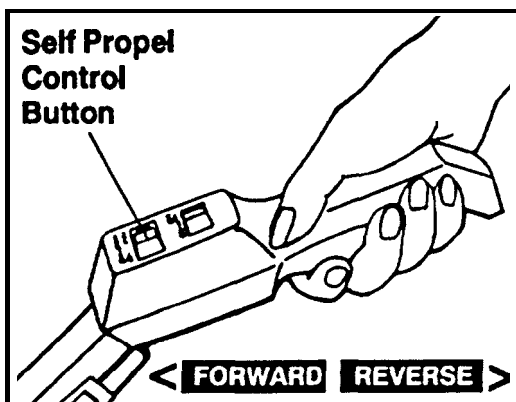
To increase cleaner speed for very large areas and to provide maximum cleaning power when needed, slide the button toward the HI setting until the desired speed is obtained.

NOTE: You may use the 'POWER SURGE' feature at any speed setting.

Self Propel feature

Note: The Self Propel feature will operate only when motor is turned on.

This feature moves the cleaner forward and backward at a variable rate of speed controlled entirely by you.



To move forward

Push handle grip forward and guide cleaner in front of you. The cleaner will move in a forward direction with little effort.

To move backward

Gently pull handle grip back and guide the cleaner toward you. Guide cleaner carefully at first until you have adjusted to the ease of operation.

Continued on next page.

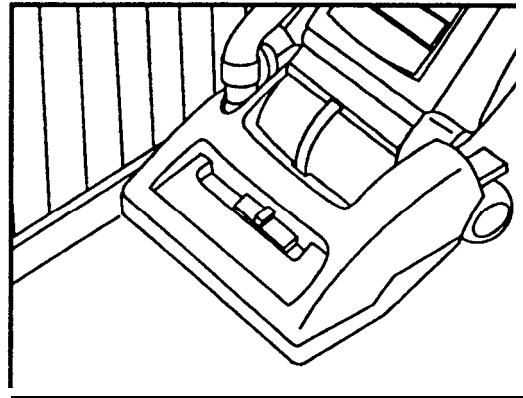
Self Propel control button

For increased **control** of the Self Propel feature in tight places such as around and under furniture, or on non-carpeted floors set the cleaner on the lowest speed setting, or push the control button to OFF to disengage the Self Propel mechanism.

Special features

Edge cleaning

Brushed edge cleaning is provided on the right side of the cleaner to remove embedded dirt in the carpet near baseboards and furniture. Guide right side of cleaner parallel to edge of carpet or furniture for brushed edge cleaning.

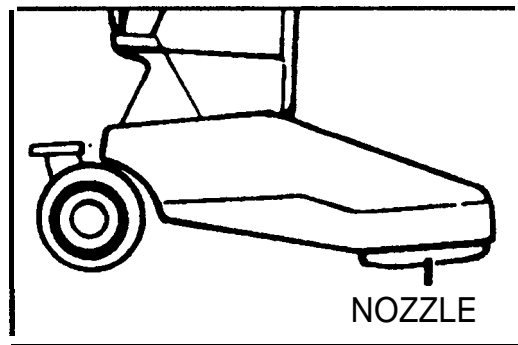


Standard edge cleaning is provided on the left side of cleaner to remove surface dust and litter.

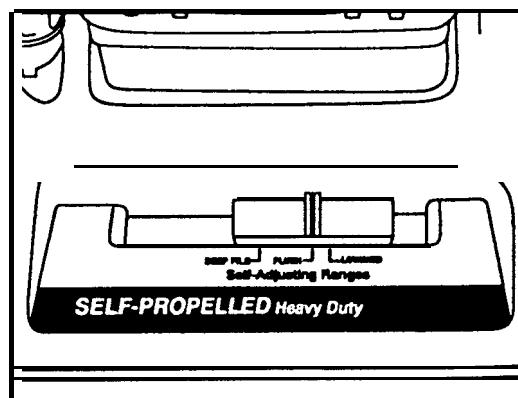
Adjustment for carpet pile height

The cleaning of carpet and rugs takes place at the nozzle.

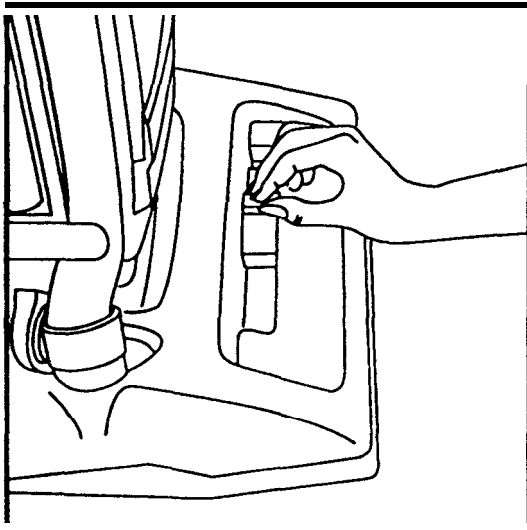
The adjustment lever on the front of the cleaner is used to raise and lower the nozzle to three different self-adjusting ranges.



It is recommended that the BARE FLOOR/LOW range be used on all carpet types. However, on dense plush or shag carpet, the cleaner may be difficult to push. In this case, reposition the adjustment lever on the PLUSH or DEEP PILE setting.



When cleaning non-carpeted floors, set the adjustment lever to BARE FLOOR/LOW and use low speed, if available on your cleaner. If greater control on non-carpeted floors is desired, push the Self Propel control button to the OFF position.



Disconnect cleaner from electrical outlet before making nozzle adjustment.

For ease in sliding knob, the handle should be in the upright position.

The nozzle will not move into the adjusted position until the cleaner handle is lowered to the operating position.

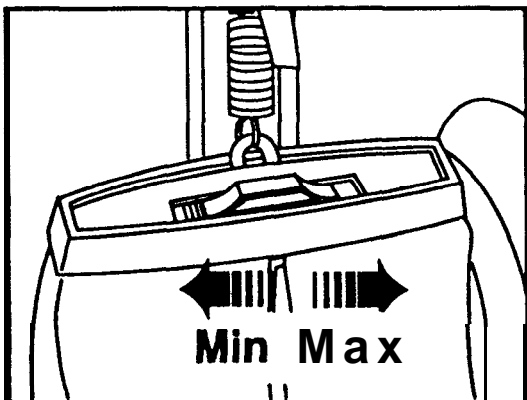
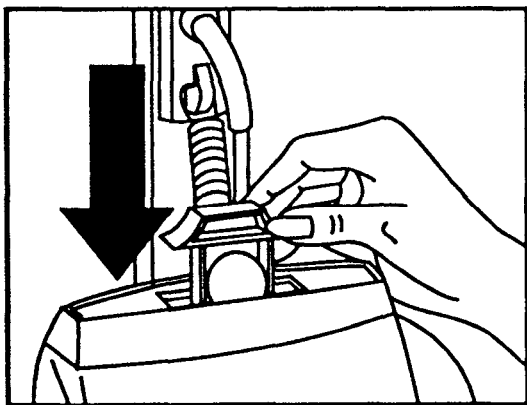
Air freshener dispenser

Some models only.

Lift drawer in bag cap on cleaner bag and insert the air freshener tablet that has been packed with the cleaner. Push drawer down into position.

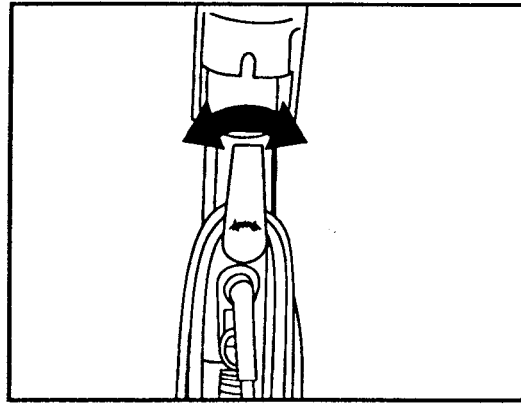
The amount of fragrance released is regulated by sliding the control to one of three settings shown on top of bag cap.

Air freshener tablets may be obtained from your local authorized Hoover Dealer (Depot), a Hoover Factory Service Center, or by using the mail order form packed with your cleaner.



Quick cord release

To release the cord, rotate top cord hook. The hook can then be repositioned for wrapping the cord.



Cleaning tools

Use tools with cleaner handle locked in upright position.

The cleaning tools have many uses. Select the tool best suited for the cleaning task from the descriptions below.

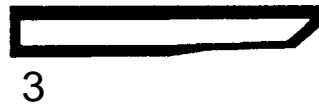
1. Dusting brush may be used for carved furniture, table tops, books, lamps, lighting fixtures, Venetian blinds, baseboards, shutters, and registers.



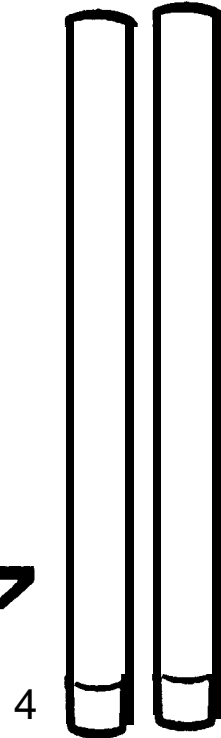
2. Furniture nozzle may be used for upholstered furniture, draperies, tapestries, mattresses, clothing, automobile interiors, and carpeted stairs.



3. Crevice tool may be used in tight spaces, corners and along edges in such places as dresser drawers, upholstered furniture, stairs, and baseboards.



4. Wands are used to give extra length to your hose. Attach them to any of the above tools.

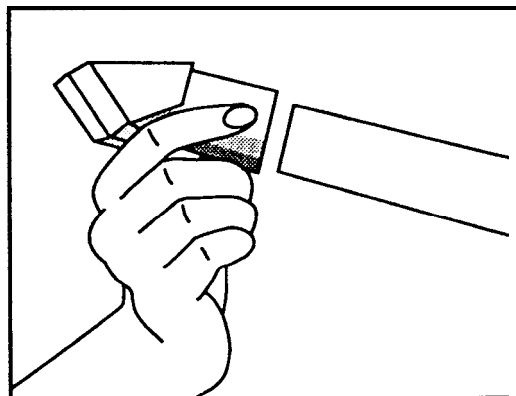


How to attach wand and tools

The tools are attached to the hose or the wand in the same manner.

Push tool firmly onto hose; twist tool slightly to tighten or loosen connection.

Use tools with cleaner handle in upright position.

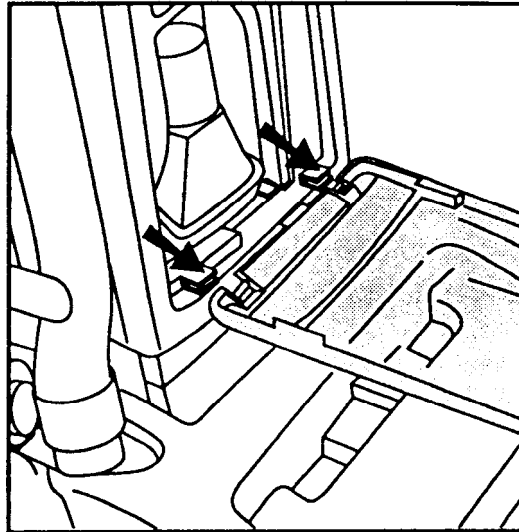


How to clean tools

To clean the hose, wipe off dirt with a cloth dampened in a liquid detergent. Rinse with a damp cloth. Cleaning tools may be washed in warm water with a detergent. Rinse and air dry before using.

How to attach tool cover

The tool cover is designed with a "break-away" feature which allows it to snap off if it is pushed open too far. To re-attach, align hinges of cover with slots below tool storage area; press cover back into place.



Maintenance

The following sections are concerned with proper maintenance of the cleaner. Familiarize yourself with these home maintenance tasks and keep this owner's manual in a convenient place where you can refer to it when needed. Proper use and care of your cleaner will ensure continued cleaning effectiveness.

The bag

When to replace

Check bag from time to time. It is recommended that you change the bag when it is filled to the dotted line. If more dirt than this accumulates, your cleaner may not operate effectively. Change bag frequently when using cleaner on new carpet, due to rapid accumulation of carpet fluff. Also check dirt duct (see section following belt replacement) for fluff accumulation.

Where to buy

Bags may be purchased from your local Authorized Hoover Dealer (Depot) or from a Hoover Factory Service Center or use the mail order form packed with your cleaner. **When ordering bags, be sure to give the model number of your cleaner.**

What to buy

In order to maintain the **original** cleaning effectiveness of your cleaner, **use** only **HOOVER® Breathe Easy™ Micro Filtration Type A** disposable bags. These bags are constructed with filter material which removes 99.9% of dust down to 5 microns, and aids in returning clean air to the room.

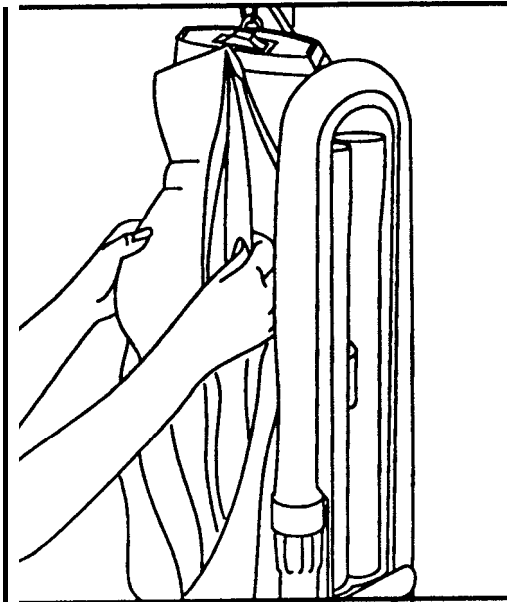
Regular **HOOVER® Type A** disposable bags also fit your cleaner.

To assure that your HOOVER cleaner operates at peak performance, it is imperative that you use only genuine HOOVER paper bags made by The Hoover Company. HOOVER bags can be identified by the trademarks --



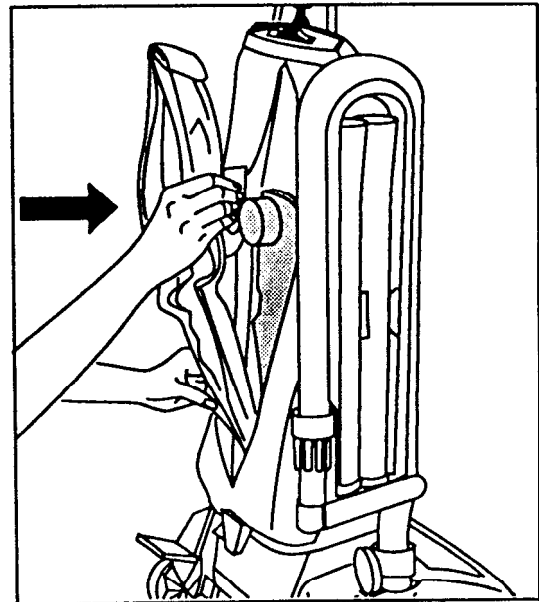
How to change bag

Disconnect cleaner from electrical outlet.

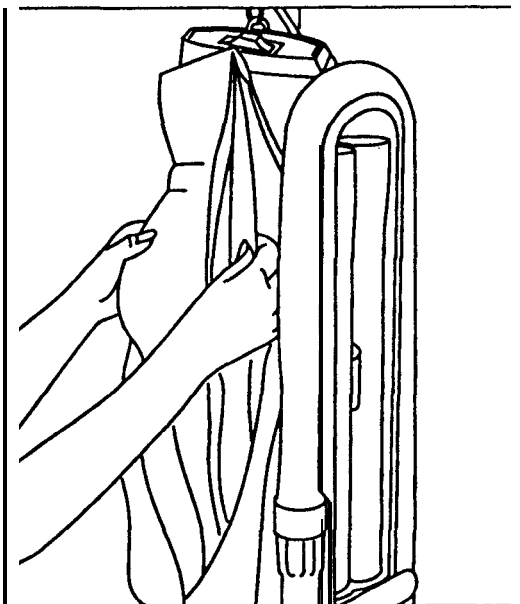


1. To remove old bag, put fingers behind bag collar and pull back.

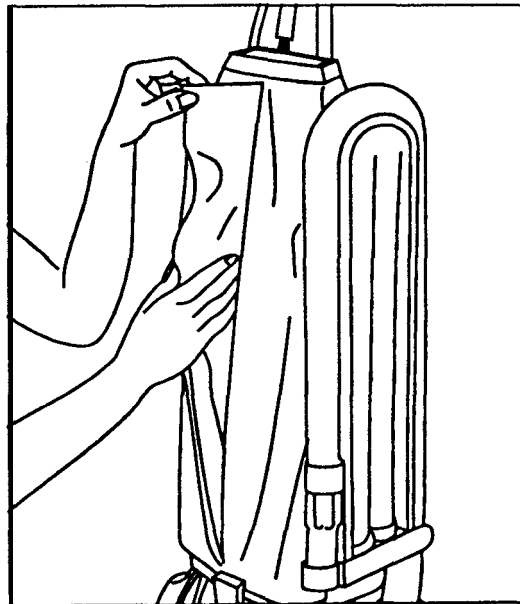
Note: Do not clean out old bag and reuse. Discard used bag.



2. Tuck in bottom of new bag.



3. Position bottom of collar, and then top, onto tube. Push collar firmly onto tube.



4. Tuck remainder of bag into outer jacket. Zip closed.

The headlight

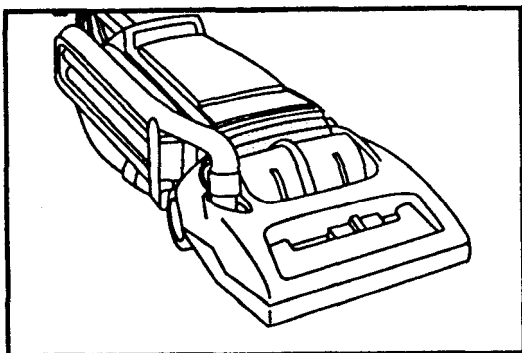
Some models only.

What to buy

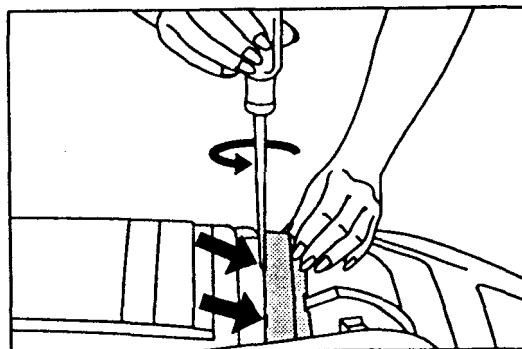
This cleaner uses two 12 volt, wedge base bulbs.
Hoover part No. 27313105

How to replace

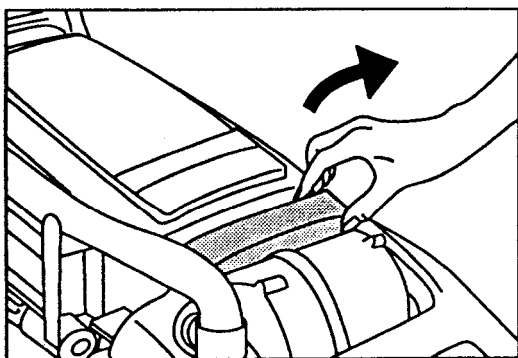
Disconnect cleaner from electrical outlet.



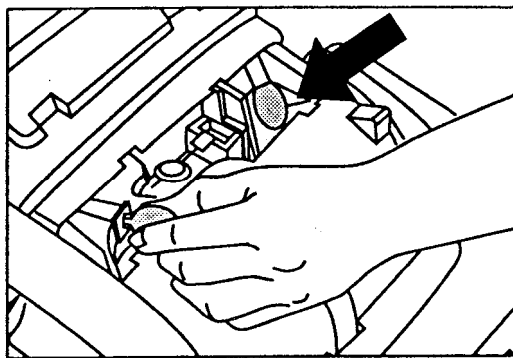
1. Lower handle until cleaner is positioned with bag flat on floor.



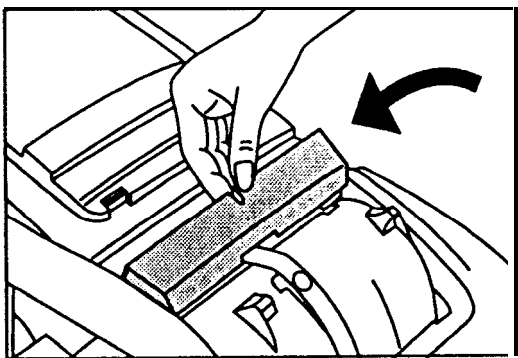
2. Place screwdriver into one of the slots at top edge of lens. Twist screwdriver while lifting up lens. Repeat procedure in second slot.



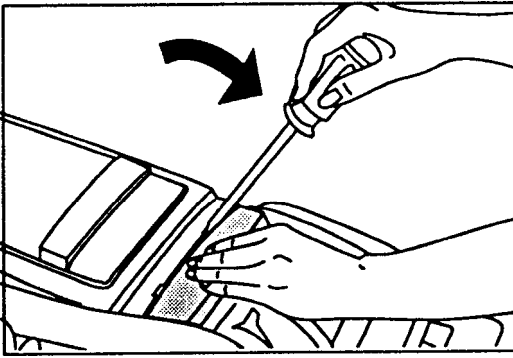
3. Lift out lens.



4. Pull old bulbs straight out of sockets. Push each new bulb straight into socket until locked in place. **Excessive force is not required.**



5. Replace lens by inserting plastic projections into openings in cleaner.

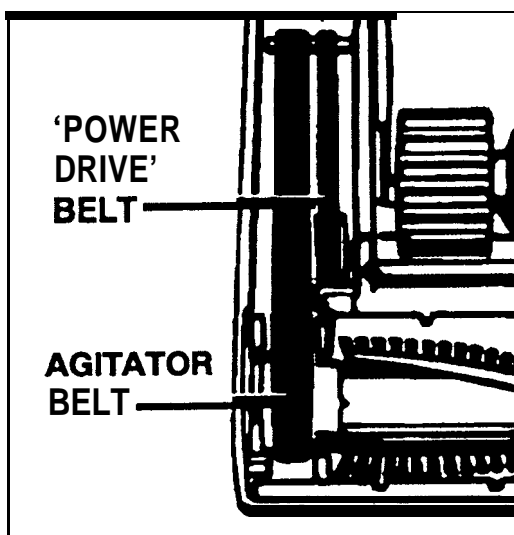


6. Press lens firmly at center and sides while lifting slotted edge with screwdriver.

The belts

There are two belts on your cleaner. One belt drives the agitator; the other operates the 'Power Drive' pulley, which operates the Self Propel feature.

When buying new belts, you should always insist on genuine **HOOVER** parts. Other belts may not meet the Hoover design and quality control standards. They may not operate the agitator or 'Power Drive' transmission correctly and may cause damage.



When to replace belts

Check from time to time to be sure the belts are in good condition. If they are stretched, cut, or broken, they should be replaced.

What to buy

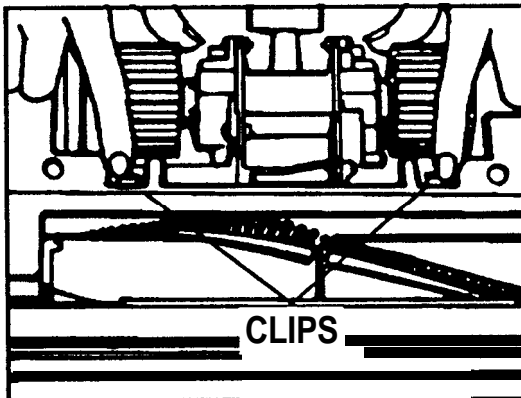
Agitator belt - Hoover part No. 38528008

'Power Drive' belt - Hoover part No. 160147

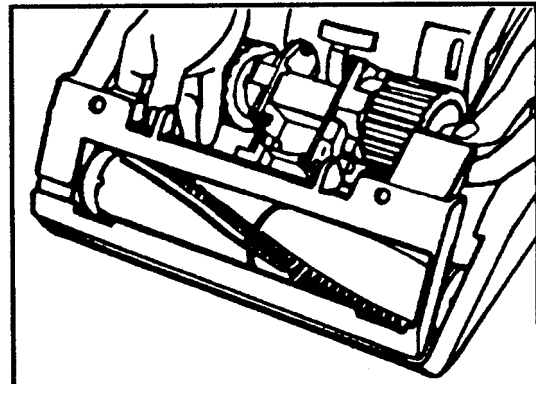
How to replace Agitator belt

Disconnect cleaner from electrical outlet and detach hose from cleaner.

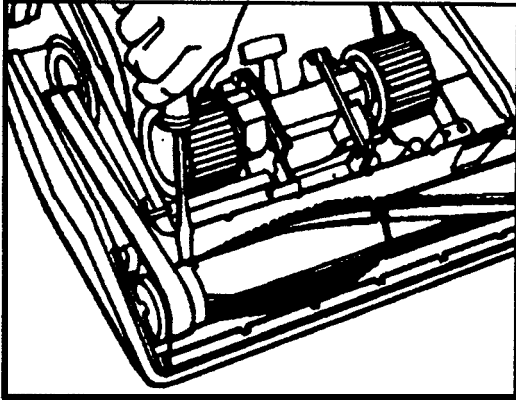
Place cleaner on the floor. For ease in installation, follow the directions given below, positioning yourself to the **left, rear** of the cleaner.



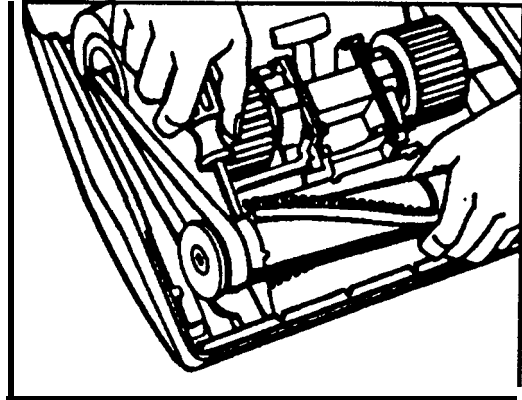
1. Turn cleaner over. Release handle to lowest position. Remove plate on bottom of cleaner by releasing clips. (See illustration.)



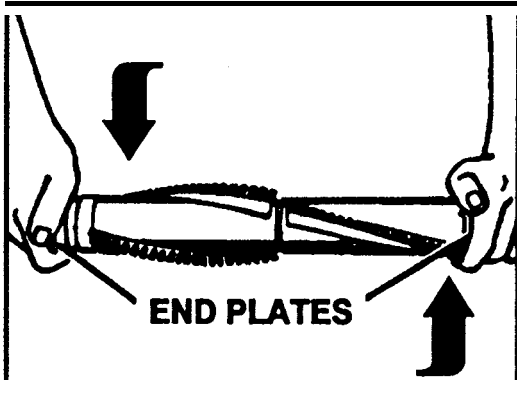
2. Then lift off bottom plate.



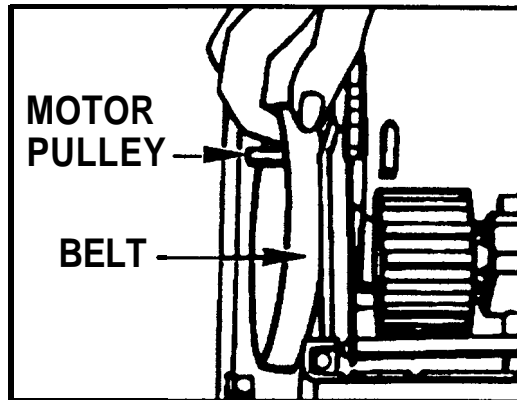
3. To remove agitator, use a screwdriver placed as shown.



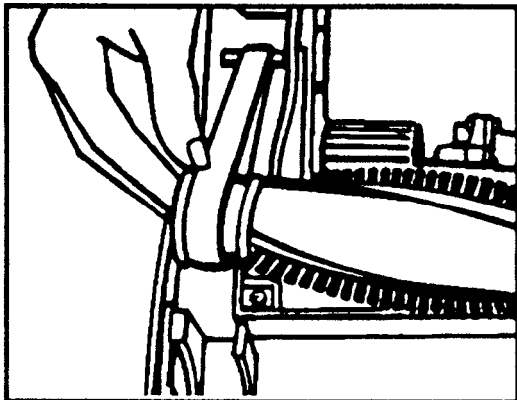
4. Use one hand to remove the agitator as you use the end of the screwdriver for leverage. Remove old belt.



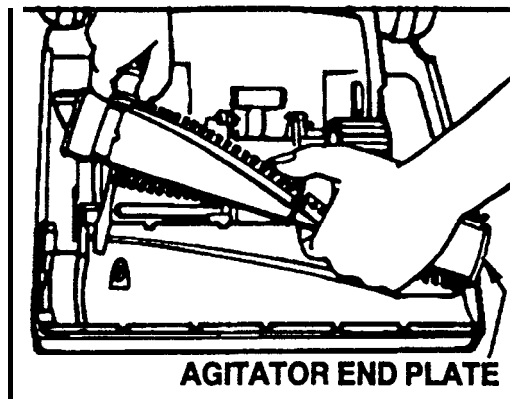
5. If the end plates have loosened, tighten them by turning in opposite directions.



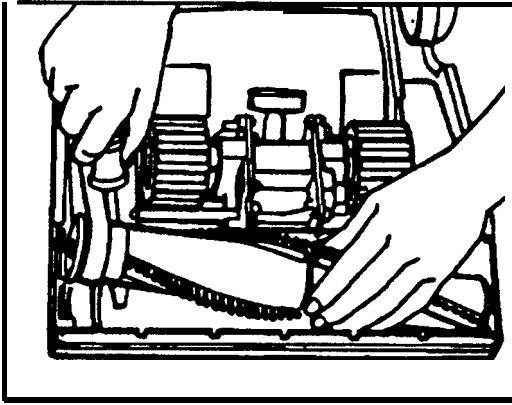
6. Place new belt over metal motor pulley, with **lettering on belt visible and not against pulleys.**



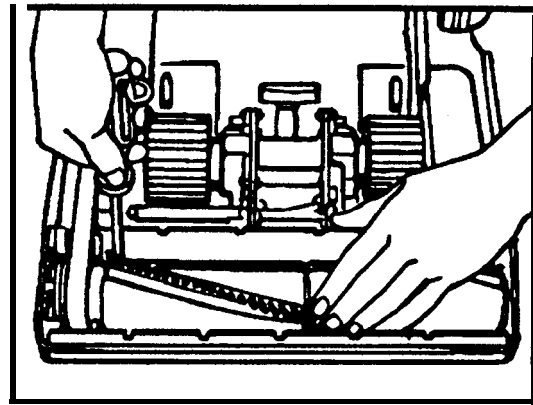
7. Slip plastic pulley end of agitator through belt. (See illustration.)



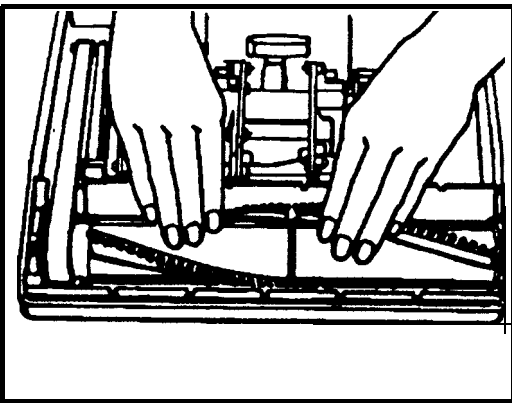
8. Grasp agitator firmly with one hand. (Be sure you can see agitator end plate.) For leverage, place screwdriver in groove as shown.



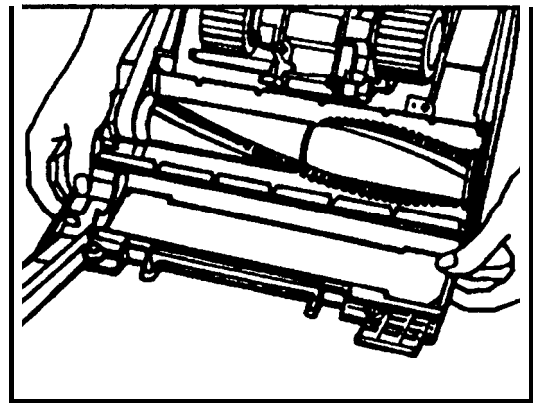
9. Lift and pull, using screwdriver as a lever. Guide end opposite belt into position first.



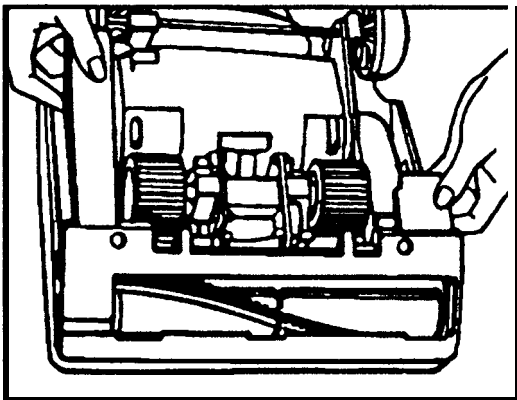
10. Roll other side of agitator into place.



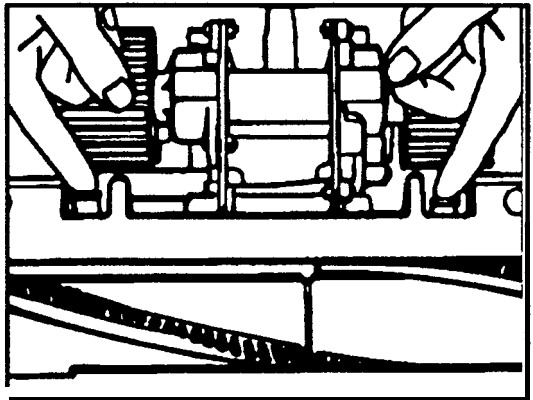
11. Press firmly to be sure agitator is secure.



12. The bottom plate attaches in a hinge-like manner. Place groove on front of bottom plate over notched edge on front of cleaner.



13. Maintaining front connection, rotate bottom plate to cover bottom of cleaner. Make sure dirt duct is in position under plate. Press firmly.



14. Lift and snap retaining clips into place.

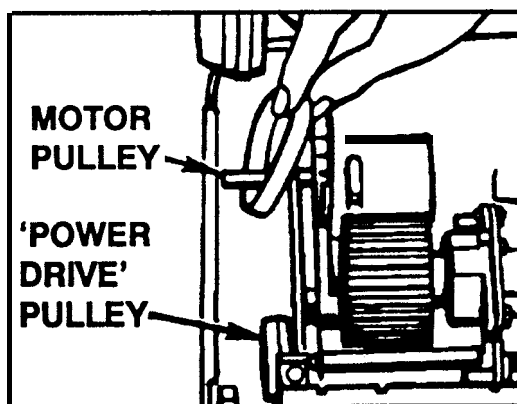
How to replace 'Power Drive' belt

Disconnect cleaner from electrical outlet and detach hose from cleaner.

To replace the (small) 'Power Drive' belt it is necessary to first remove the bottom plate, agitator and the larger agitator belt, as shown on the previous pages.

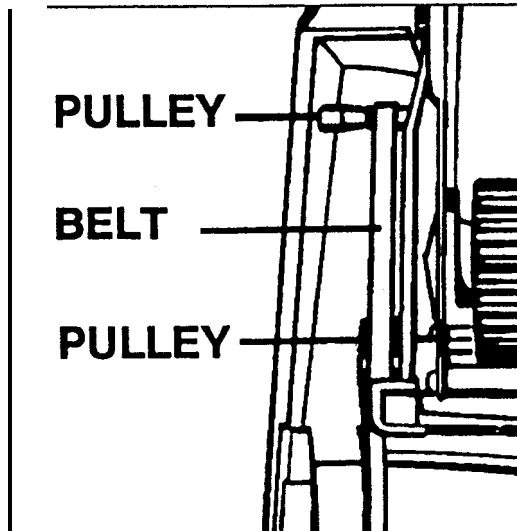
Note: It may not be necessary to change both belts at the same time.

Remove old 'Power Drive' belt. Place new belt on motor pulley first, then on drive pulley.



Lettering on belt should be visible and not against pulleys.

Replace agitator belt, agitator and bottom plate, following instructions under "How to replace agitator belt".



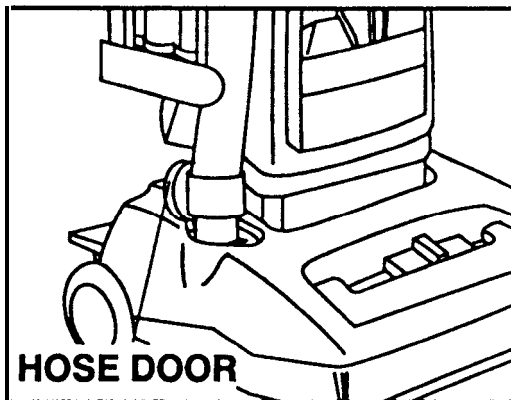
Clearing obstructions

To maintain the cleaning effectiveness of your cleaner, remove large items from surfaces before vacuuming. However, if an object larger than can be exhausted in the bag is picked up, it can get caught in the dirt duct or dirt tube.

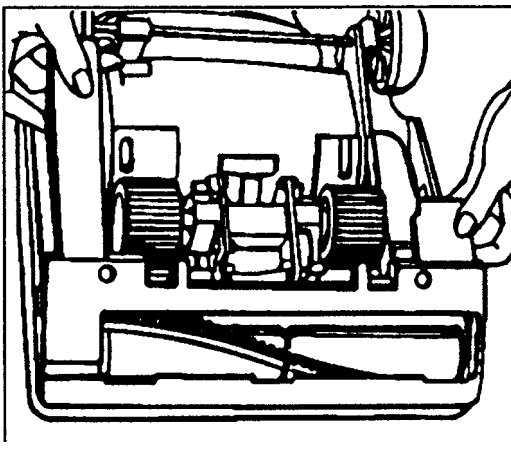
First, check dirt duct; then dirt tube. **if an obstruction cannot be found or removed, contact your Hoover Factory Service Center or Authorized Hoover Warranty Service Dealer (Depot).**

To check dirt duct

Disconnect cleaner from electrical outlet and detach hose from cleaner.

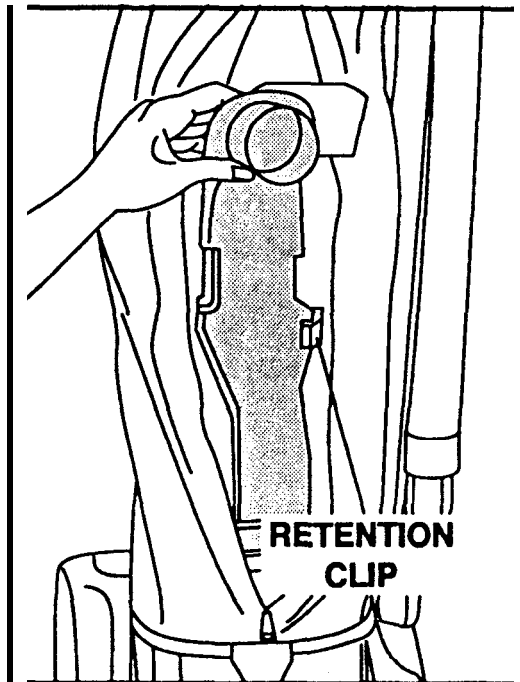


if an obstruction occurs during tool use, disconnect hose from cleaner. Open hose door and carefully remove any visible obstruction. If no obstruction is found, check hose and tools. Remove any obstruction. To continue using tools reattach hose to cleaner.

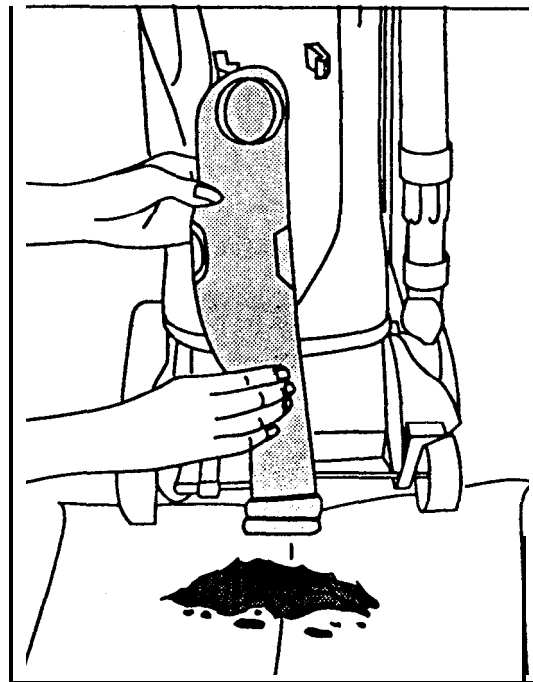


if an obstruction occurs during floor cleaning, remove hose from cleaner and turn cleaner to expose underside. Remove bottom plate and agitator as shown in "The belts" section. Carefully remove any obstruction from dirt duct.

To check dirt tube
Disconnect cleaner from electrical outlet.



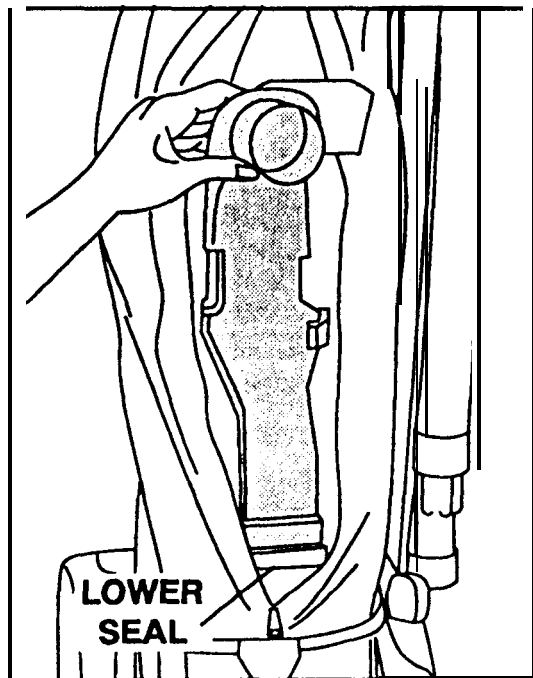
1. Remove paper bag. Remove dirt tube by pushing to either side to release clips. Lift dirt tube up and out.



2. Clean out dirt tube.

3. To replace dirt tube, position it over lower seal and push down. Insert one side against retention clip. Push to snap other side into position.

Replace paper bag.



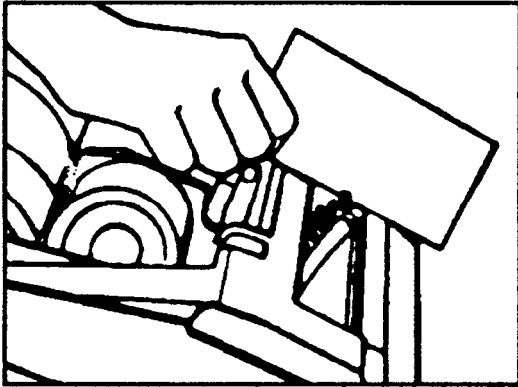
Agitator brushes

When to replace

Disconnect cleaner from electrical outlet and detach hose from cleaner before checking brushes.

When agitator brushes are worn they should be replaced.

To check condition of brushes, move the edge of a card across agitator opening while turning agitator. To maintain cleaning effectiveness, replace brushes if they do not touch card.



What to buy

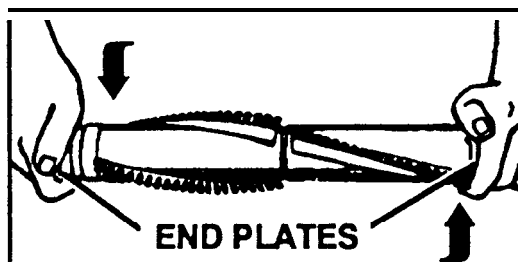
When purchasing new brushes, ask for HOOVER part No. **48445015.**

On some models, the agitator takes four brushes; other models have a two-brush agitator. Note the number of brushes your cleaner needs.

How to replace

Disconnect cleaner from electrical outlet.

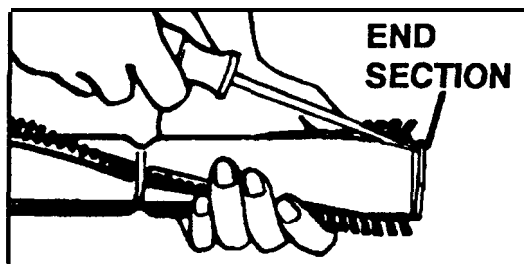
Remove bottom plate, belt and agitator following directions in "The belts" section.



1. Hold agitator as shown. Turn end plates in opposite directions until one end plate comes off.

2. Pull or pry out end sections as shown in illustration.

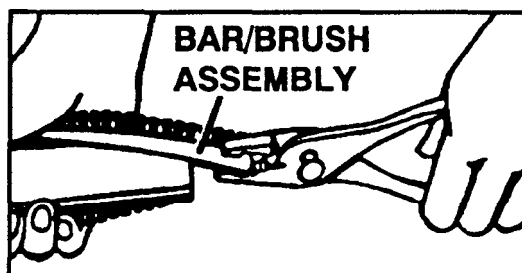
Note: Pulley end should be removed by pulling straight out.



3. Note position of bar/brush assemblies to insure correct replacement.

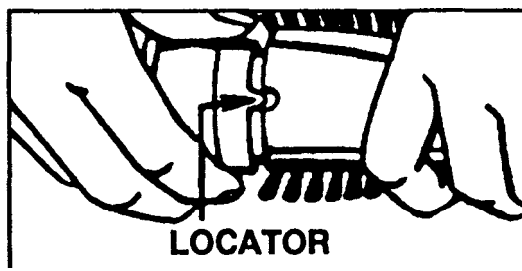
Pull bar/brush assemblies out of agitator slots, using pliers if necessary.

The word "BAR" is stamped near slots on agitator. Match bar side of brush with "BAR" on agitator shell. Push new brushes all the way into slots, tapping end lightly if necessary.



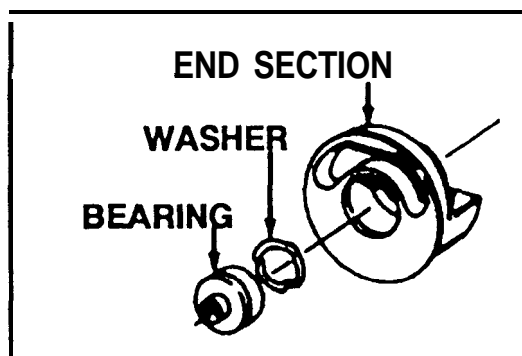
4. Line up locator on end sections with slot on agitator. Push end sections into position.

Screw on end plates and tighten.



Note: If bearing should fall out of end section during disassembly of agitator, reassemble as shown.

5. Replace belt, agitator and bottom plate.



If you have a problem

This appliance was inspected thoroughly and was in good operating condition when it was shipped from the factory. If a minor problem occurs, it usually can be solved quite easily when the cause is found. Therefore, this check list is provided for your convenience.

Problem	Possible cause	Possible solution
Cleaner won't run	1. Not firmly plugged in. 2. No voltage in wall plug. 3. Blown fuse/tripped breaker.	1. Plug cord in firmly. 2. Check fuse or breaker. 3. Replace fuse/reset breaker.
Cleaner won't pick up	1. Broken or worn agitator belt. 2. Agitator brushes worn. 3. Bag full 4. Obstruction in cleaner. 5. Bag not opening. 6. Incorrect carpet height setting.	1. Replace belt. 2. Replace brushes. 3. Change paper bag. 4. Clear dirt duct and/or dirt tube. 5. Check for firm bag connection. 6. Move nozzle control lever to type of carpet being cleaned.
Cleaning tools won't pick up	1. Hose clogged.	1. Remove hose and tools; remove obstruction.
Cleaner won't self propel	1. 'Power Drive' belt broken or worn. 2. Self Propel control button in OFF position.	1. Replace belt. 2. Slide button to ON.

Lubrication

The motor is equipped with self-lubricated bearings. **Do not add lubricant to the motor; it could cause damage.**

The agitator is equipped with two ball bearings that should be lubricated periodically by a Hoover Factory Service Center or an Authorized Hoover Warranty Service Dealer (Depot).

Service

If the problem persists, check the Yellow Pages of your telephone book under "Vacuum Cleaners - Household" for your nearest **Hoover Factory Service Center or Authorized Warranty Service Dealer (Depot)** where approved HOOVER service and genuine HOOVER replacement parts may be obtained. The warranty provided with this product has a listing of the Hoover Factory Service Centers. If you are unable to obtain the information you need from the Yellow Pages, contact a Hoover Factory Service Center to find your nearest Authorized Warranty Service Dealer (Depot). For service under warranty, follow the instructions in the warranty provided with this product.

Do not send your cleaner to The Hoover Company in North Canton for service as this will only result in a delay.

Always identify your cleaner by the **complete** model number when requesting information or ordering parts. (The model number appears on the bottom of the cleaner.)

If further assistance is needed, contact **The Hoover Company Consumer Response Center, North Canton, Ohio 44720, 1-800-944-9200.**

In Canada, contact Hoover Canada, Burlington, Ontario L7R 4A8. 1-800-263-6376

Energy saving tips

1. Replace paper bag promptly, before overfilled. Use a genuine HOOVER bag made for your cleaner.
2. To maintain effective cleaning, replace agitator brush roll and belt when necessary.
3. Turn cleaner off when not in use, such as when moving furniture.
4. Keep your cleaner operating at peak performance - have inspection and service performed by a Hoover Factory Service Center or an Authorized Hoover Warranty Service Dealer (Depot).

Questions and Concerns?

The Hoover Company wants to quickly resolve any concerns about your cleaner or questions regarding its use. However, **do not** send your cleaner to The Hoover Company in North Canton for service. This will only result in a delay.

If you are not completely satisfied look on the list provided with the product for your local Hoover Factory Service Center or in the Yellow Pages under "Vacuum Cleaners - Household" for an Authorized Warranty Service Dealer nearest you or call:

1-800-944-9200
(U.S. only)



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